Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
Data File : BN027925.D
Acq On : 28 Sep 2023 14:39
Operator : MA/JU
Sample : 04480-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BBJ27

Quant Time: Sep 28 16:30:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.958	152	3620	0.400	ng/ul		0.00
4) Naphthalene-d8	10.779	136	13133	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.601	164	9071	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.354	188	18801	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.542	240	16571	0.400	ng/ul	#	0.00
23) Perylene-d12	24.015	264	16716	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.330	96	20826	4.567	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.363	152	9496	0.477	ng/ul		0.00
18) Fluoranthene-d10	19.381	212	24622	0.486	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.368	88	1641	0.346	ng/ul	#	83
5) Naphthalene	10.828	128	19870	0.529	ng/ul		99
7) 2-Methylnaphthalene	12.434	142	4643	0.195	ng/ul		100
8) 1-Methylnaphthalene	12.654	142	3247	0.132	ng/ul		98
11) Acenaphthene	14.680	153	729	0.021	ng/ul	#	29

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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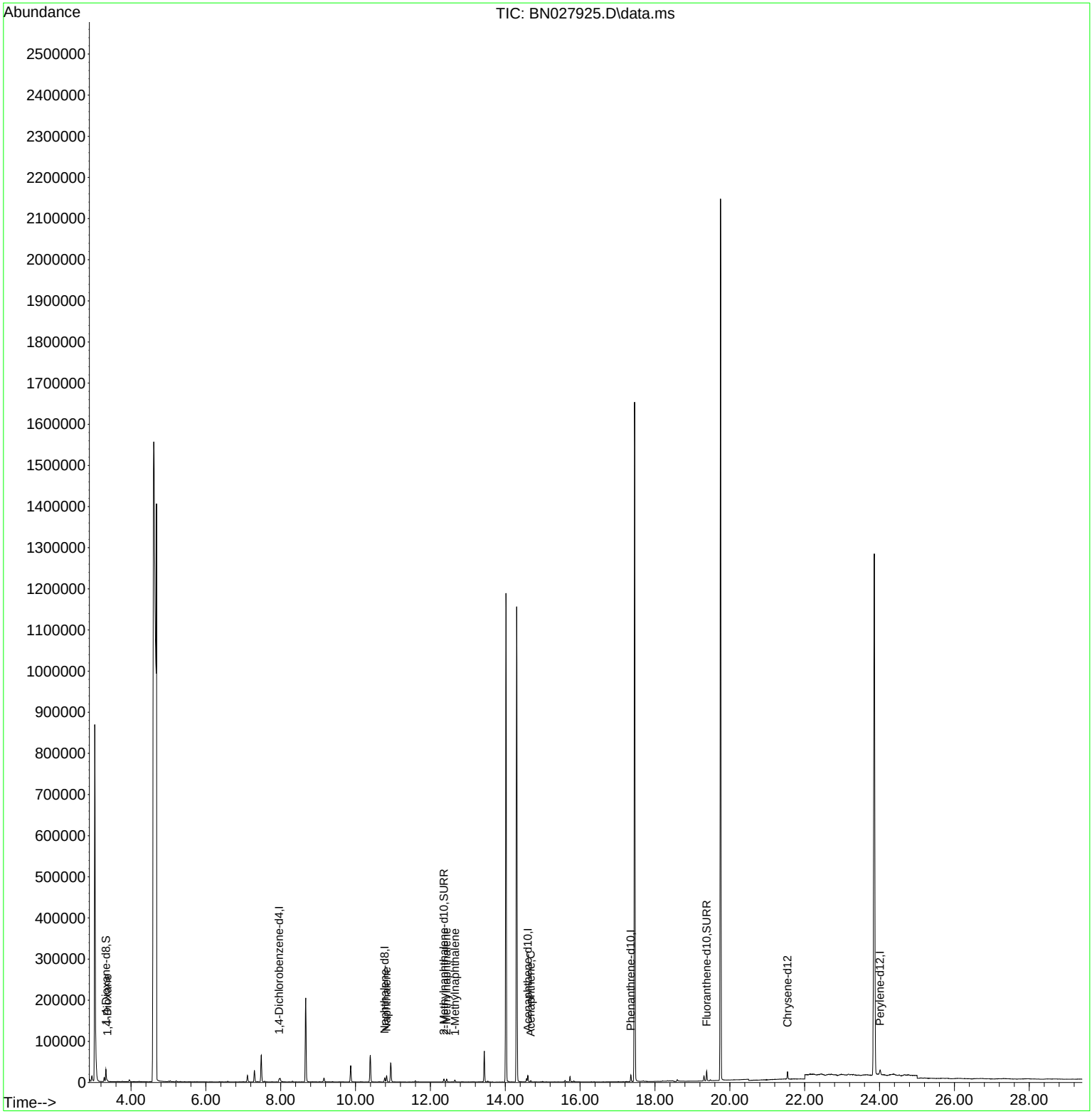
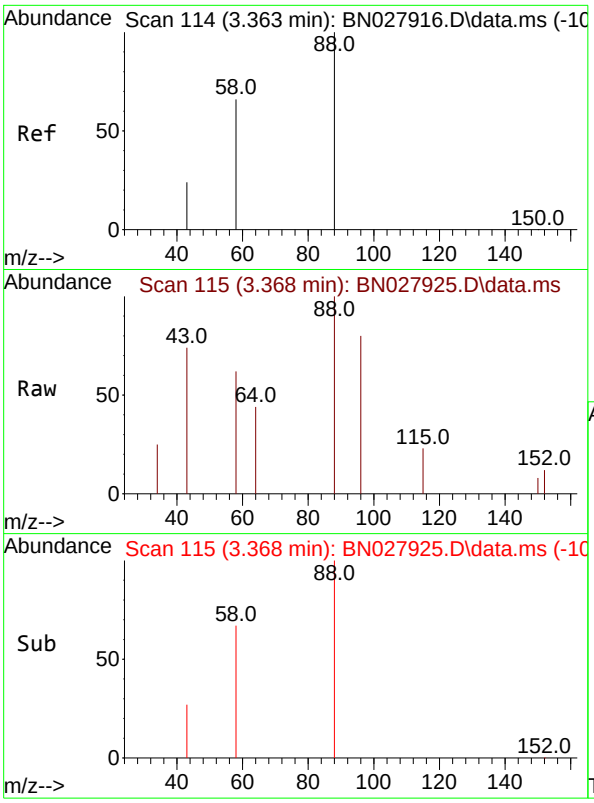


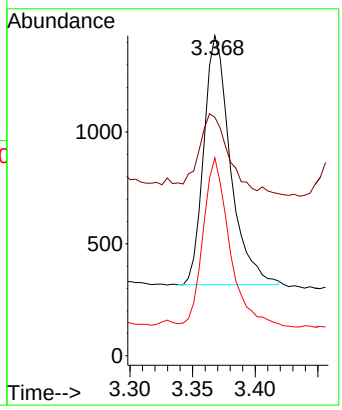


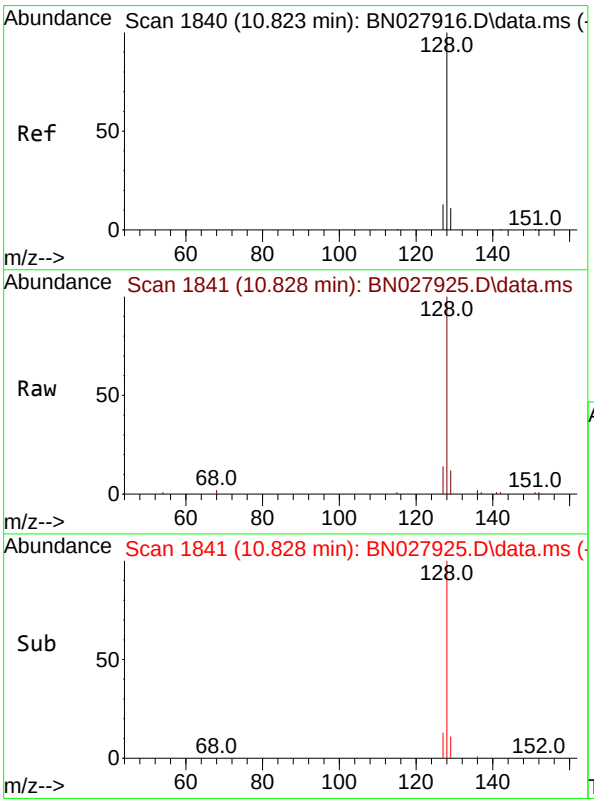
#2
1,4-Dioxane
Concen: 0.346 ng/ul
RT: 3.368 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027925.D
Acq: 28 Sep 2023 14:39

Instrument :
BNA_N
ClientSampleId :
BBJ27

Tgt Ion: 88 Resp: 1641

Ion	Ratio	Lower	Upper
88	100		
43	74.5	39.6	59.4#
58	61.8	48.3	72.5

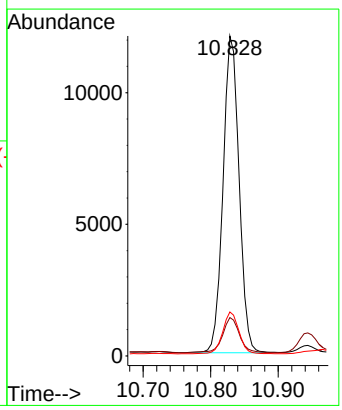


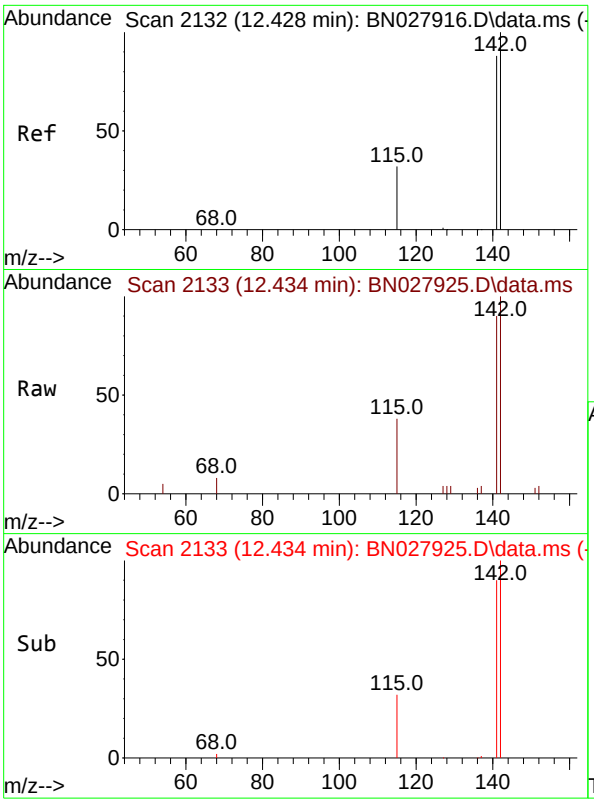


#5
Naphthalene
Concen: 0.529 ng/ul
RT: 10.828 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BN027925.D
Acq: 28 Sep 2023 14:39

Tgt Ion:128 Resp: 19870

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.3	13.9
127	13.7	10.7	16.1



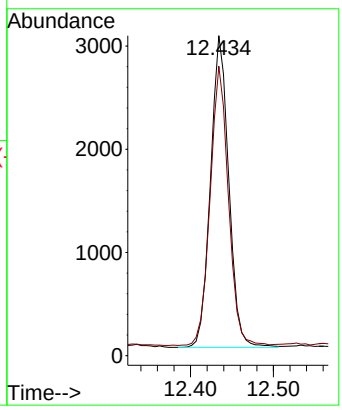


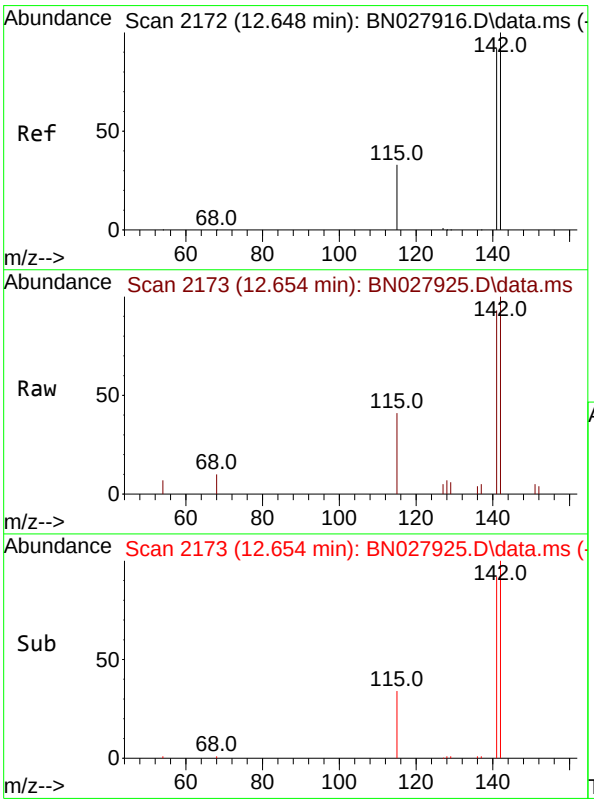
#7
2-Methylnaphthalene
Concen: 0.195 ng/ul
RT: 12.434 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027925.D
Acq: 28 Sep 2023 14:39

Instrument :
BNA_N
ClientSampleId :
BBJ27

Tgt Ion:142 Resp: 4643

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.1	106.7

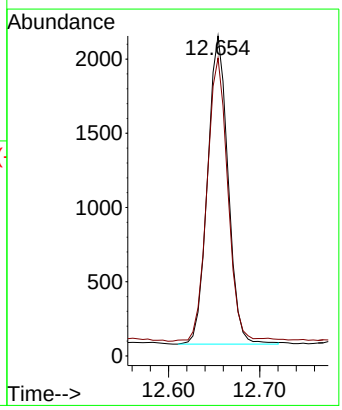


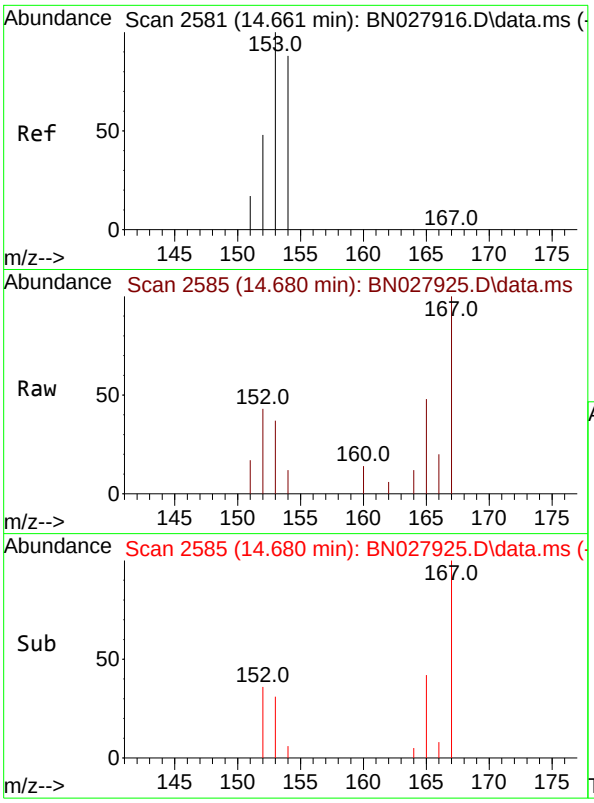


#8
1-Methylnaphthalene
Concen: 0.132 ng/ul
RT: 12.654 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN027925.D
Acq: 28 Sep 2023 14:39

Tgt Ion:142 Resp: 3247

Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.8	109.2





#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.680 min Scan# 2
Delta R.T. 0.014 min
Lab File: BN027925.D
Acq: 28 Sep 2023 14:39

Instrument :
BNA_N
ClientSampleId :
BBJ27

Tgt Ion:153 Resp: 729

Ion	Ratio	Lower	Upper
153	100		
152	116.6	41.7	62.5#
154	33.3	70.3	105.5#